

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 October 2005 (27.10.2005)

PCT

(10) International Publication Number
WO 2005/100933 A1

(51) International Patent Classification⁷: **G01G 7/00**,
B04B 11/00

Building, 2-7, Dangsan-dong 3ga, Yungdengpo-gu, Seoul
150-802 (KR).

(21) International Application Number:
PCT/KR2004/002987

(72) Inventors; and

(75) Inventors/Applicants (for US only): RYU, Heul-Geun
[KR/KR]; #406-604, Pureun-maeul Apt., 1285, Sinjeong3-
dong, Yangcheon-gu, Seoul 158-604 (KR). KIM, Hak-
Chul [KR/KR]; #1512-103, Hanareum Apt., Sang1-dong,
Wonmi-gu, Bucheon, Gyeonggi-do 420-752 (KR).

(22) International Filing Date:
18 November 2004 (18.11.2004)

(25) Filing Language: Korean

(74) Agent: DARA E PATENT FIRM; 10th Floor, KIPS,
647-9, Yeoksam-dong, Kangnam-ku, Seoul 135-980 (KR)

(26) Publication Language: English

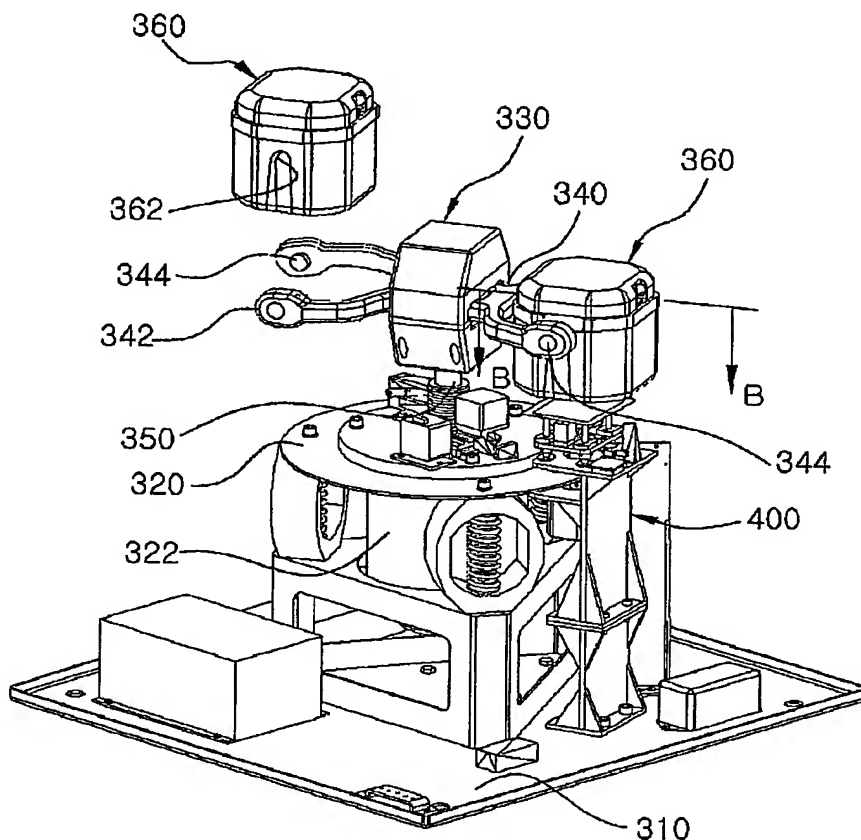
(30) Priority Data:
10-2004-0026526 19 April 2004 (19.04.2004) KR

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,

(71) Applicant (for all designated States except US): HAN-
LAB CORPORATION [KR/KR]; #56-2 Hongik Arcade

[Continued on next page]

(54) Title: LIFT TYPE WEIGHT MEASURING APPARATUS



(57) Abstract: The present invention provides a lift type weight measuring apparatus (400) which is able to measure the weight of a measurement object after spatially isolating the measurement object. The lift type weight measuring apparatus (400) includes an upper sensing plate (410) to move upwards, and weight sensing means provided under the upper sensing plate (410) to sense a weight of the measurement object seated on the upper sensing plate. The lift type weight measuring apparatus (400) further includes lift means to move both the upper sensing plate and the weight sensing means vertically, and control means to control the operation of the lift means and to measure the weight of the measurement object using a weight sensing signal output from the weight sensing means.

WO 2005/100933 A1

Best Available Copy



MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

- (84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE,

Published:

- with international search report
- with amended claims

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Best Available Copy